



- RMF INDUSTRIAL CONTRACTING, INC.
- RMF INDUSTRIAL SERVICES, INC.
- RMF ENVIRONMENTAL, INC.
- RMF GLOBAL MANAGEMENT, INC.

US EPA RECORDS CENTER REGION 5



545881

Proposal for Waste Disposal at Automotive Finishes, Inc. (AFI)

Client:

Mr Samuel D. Sweet, Esq.
Beadle, Burket & Sweet, PLC
1607 East Big Beaver Road, Suite 205
Troy, Michigan 48083
Phone #: (810)528-6500

Site Location:

Automotive Finishes, Inc.
6430 Wyoming
Dearborn, MI 48126

Proposal Number: 817-97

RMF Environmental, Inc. a division of RMF Global, Inc., will provide the environmental services required to remove and/or dispose of the hazardous and non hazardous wastes located in the yard and inside the subject site.

The sequence of events necessary to evaluate and dispose of the hazardous and non hazardous wastes at AFI is listed below:

1. Collect random samples from drums labeled "Non Hazardous" for analysis
2. Collect random samples from drums that are not factory sealed for analysis.
3. Evaluate samples for the possibility of making composites to reduce the number of samples to be tested
4. Obtain approvals for disposal of materials at licensed disposal facilities.
5. Transport the drums to the disposal facilities.

A list of the work to be performed and the corresponding prices is shown below.

Your signature will provide us with authorization to proceed with the outlined work.

Sincerely,

RMF Environmental, Inc.

Camille Ajaka, Ph.D.
Project Director

Authorization Signature

Samuel D. Sweet Date
Beadle, Burket & Sweet, PLC

RMF GLOBAL, INC.

CORPORATE HEADQUARTERS

671 SPENCER P.O. BOX 4157
TOLEDO, OHIO 43609

PHONE (419) 382-4410
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Equal Opportunity Affirmative Action Employer

Outside the buildings of AFI (Yard)**Labeling, sampling, transporting and disposal of the following:**

		Unit Price	Total
180	Hazardous solvent based sludge drums	\$180/dm	\$32,400
70	Hazardous solvent drums	Bulk	\$ 3,000
263	Non-hazardous water based sludge drums	Bulk	\$ 8,000
400	RCRA Empty Drums	\$5/dm	\$ 2,000
67	Non-hazardous solid drums (Pebbles,...)	Bulk Price	\$ 2,000
1	25 yd roll-off rental	\$200/mo.	\$ 200
1	Fork-truck rental	\$900/mo.	\$ 900
22	Hazardous solvent sludge totes	\$409/tote	\$ 9,000
	Transportation		\$ 2,000
Projected Total (Outside)			\$59,500.00

North Building**Labeling, sampling, transporting and disposal of the following:**

		Unit Price	Total
60	Hazardous solvent based sludge drums	\$180/dm	\$ 10,800
30	Hazardous solvent drums	\$65/dm	\$ 1,950

South Building**Labeling, sampling, transporting and disposal of the following:**

		Unit Price	Total
350	Hazardous solid paint sludge drums	\$180/dm	\$ 63,000
	Bags of pigment, resins & other solids	Bulk	\$ 6,000
	Assorted cans no larger than 1 gallon		
	Assorted containers from lab		
588	Hazardous pails of paint	Bulk	\$ 5,000
30	Transportation (Buildings)		\$ 2,000
Projected Total (Buildings)			\$ 88,750.00

TOTAL PROJECT COST**\$148,250.00****Note:**

The above projected cost will not be exceeded. The cost of the waste disposal from the subject site may be less than the projected one if the waste drums can be bulked.

Automotive Finishes, Inc - Proposed Work Plan (as of 1/2/97)

Yard Activities - Outside Areas

Priority Ratings **Low** - can be done at any time / no special safety precautions or eqpt required.
Medium - no special safety precautions / needs eqpt. (i.e. - back hoe / fork lift).
High - needs special safety eqpt, handling precautions & eqpt (i.e. - back hoe / fork lift).

Initial Site Activities (prior to crew mobilizing)

- Sample 25 x 55 gal. drums from "Non-hazardous" drum area (drums between 1 thru 259)
- Test samples for pH and Ignitability (Positive test results from any one of the samples will require all drums between 1 thru 259 to be sampled and then tested for pH and Ignitability.
- Inspect hazardous sludge totes - check if sludge can be vacuumed. May later require addition of solvent (use solvents contained in factory sealed drums).
- Perform brief site inspection - to confirm site conditions

Note. **Drums Numbers 1 thru 259** - previously identified as "Non-Hazardous", if test positive for pH (pH < 2 and/or pH > 12.5) or Ignitability will result in Change of Work Scope

Time to Complete task 8 hours
 Personnel Required 2
 Comments. The second person will also function as a safety backup

Empty Drums - Priority: Low

Coordinate w/ Maxi Container, Inc. (Detroit, MI) - have 55 gal. open-top (17H) drums picked-up for sale to Maxi Container. All empty good condition 55 gal. open-top drums in will be loaded into Maxi Drum trailer. Closed-top (17E) drums without product will also be loaded. Have trailer on-site so drums are only handled once (i.e. - drums will be loaded directly into Maxi Container Trailers). Maxi Container, Inc. trailer will be on-site at the onset of project - drums will be loaded as time permits

Number of drums 1000 drums @ 288 drums / trailer (4 Trailers will be required)
 Time to Complete task 6 hours (also includes moving drums to truck)
 Personnel Required 2
 Comments. Truck(s) will be loaded when drums become available
 & when personnel are done with all other more imp. tasks

Non-hazardous Solid Materials (20 yard roll-off) - Priority: Medium

Using backhoe, crush 600 x 5 gal metal & poly pails generated from bulking of paint from South Building (Warehouse). Dump crushed pails into roll-off. Also, dump non-hazardous solids generated from drums being sold into 20 yard roll-off

Time to Complete task: 8 hours
 Personnel Required 2
 Comments

Drums containing Non-hazardous Mtls. (Drums 1 thru 259) - Priority: Medium

Affix Non-hazardous label to drums. Ensure drums are in good condition. Load drums with fork lift into trailer. Count drums and complete manifest.

Time to Complete task 8 hours
 Personnel Required 2
 Comments

Automotive Finishes, Inc - Proposed Work Plan (as of 1/2/97)

Yard Activities - Outside Areas (cont.)

Drums containing Hazardous Mtls - (Drums 260 thru 477) - Priority: Medium

Affix labels to drums Ensure drums are in good condition. Load drums with fork lift into trailer
Count drums and complete manifest

Time to Complete task: 16 hours

Personnel Required 2

Comments If required, transfer material from leaking drums into good drums
Drums containing Hazardous materials will not be sampled

Hazardous Solvent Sludge Totes - (Total 22 totes) - Priority: High

Stage totes on concrete pad. Ensure each tote contains a pumpable sludge Using Vacuum truck, transfer sludge into tanker. Those Totes containing solidified material, add sufficient quantity of solvent from "factory sealed" solvent drums.

Time to Complete task 16 hours

Personnel Required 3

Comments Potential difficulty if material is rock solid and will not dissolve with the addition of solvent. Cut "rock solid" totes with cutting saw and dispose of material as "non-hazardous" solid

Manufacturing Plant (North Building)

Drums containing Hazardous Mtls - Priority: Medium

Identify drums as either containing Hazardous Sludge (60 drums) or Hazardous Solvent (30 drums) Affix labels to drums Ensure drums are in good condition Load drums with fork lift into trailer Count drums and complete manifest

Time to Complete task: 8 hours

Personnel Required 2

Comments If required, transfer material from leaking drums into good drums.
As per contract, if there are more than 90 drums than "Change Order" required for additional material

Warehouse (South Building)

Hazardous 5 gallon Paint Pails/ Resin Solids/Lab Paints - Priority: High

Stage all 5 gallon pails of paint outside / next to warehouse. Bulk paint into 6 x 500 vats Crush empty pails (Ensure pails are empty). Collect paint residues from empty pails and put into bulked paint contained in vat. Also bulk resin solids, pigments, and lab wastes in vat

Time to Complete task: 8 hours

Personnel Required: 4

Comments Bulking activities conducted outside for safety purposes.

Sheet1

AFI Site Activities			
Project: 97-5016			
Task	# Men	hr/Man	hr. Reqd.
Load Empty Drums into Trailer	2	6	12
Load non-haz solids & trash into rolloff	2	8	16
Non-Hazardous Drum Disposal	2	8	16
Sludge Totes	3	16	48
Hazardous Drum Disposal (Yard)	2	8	16
Hazardous Drum Disposal (Plant)	2	8	16
Hazardous Drum Disposal (Warehouse)	2	8	16
Bulking 5 gal pails / resin solids / lab waste (warehouse)	2	8	16
		Total Hours	156
	# 8 hr. days reqd /4 mer		49

1 Day

- ?

2 8 8 *

1 - non - Haz.

2 - Haz.

3 - Totes.

4 - pails & factory sealed.

5 - Empty